

AMENDMENTS TO THE CLAIMS

- 1.(currently amended) An ink jet recording element
comprising a support selected from a group consisting of
PET, wet strength paper, PVC, PVC with an adhesive
backing, polypropylene, polycarbonate a subbed polymeric
type support, a canvas support, polypropylene-coated
paper, polyethylene-coated paper and polyethylene paper
and an ink receiving layer wherein said ink receiving
layer comprises (a) a pigment, (b) a ~~hydrolyzed copolymer~~
~~of vinylacetate and silane monomer~~ silanol modified
polyvinyl alcohol, and (c) a film-forming polymer having
a glass transition temperature T_g lower than 50°C.
- 2.(Original) An ink jet recording element according to claim
1 wherein said pigment is a porous inorganic pigment.
- 3.(Original) An ink jet recording element according to claim
2 wherein said porous inorganic pigment is a silica.
- 4.(previously presented) An ink jet recording element
according to claim 3 wherein said silica is an amorphous

silica having an average particle size between 1 μm and 15 μm .

- 5.(currently amended) An ink jet recording element according to claim 1 wherein said ~~copolymer of vinylacetate and silane monomer~~ silanol modified polyvinyl alcohol has a silanol modification degree between 0.1% and 10% and a viscosity of between 1 and 25 mPa.s measured as a 4% aqueous solution.
- 6.(Original) An ink jet recording element according to claim 1 wherein said film-forming polymer having a T_g lower than 50 $^{\circ}\text{C}$ is a latex.
- 7.(Original) An ink jet recording element according to claim 6 wherein said latex is a copoly(styrene-butadiene) latex.
- 8.(Original) An ink jet recording element according to claim 6 wherein said latex is an acrylate latex.
- 9.(previously presented) An ink jet recording element according to claim 1 wherein said ink receiving layer further comprises a cationic mordant.

10. (previously presented) An ink jet recording element according to claim 9 wherein said cationic mordant is a poly(diallyldimethylammonium chloride) or a dimethylamine-epichlorohydrine copolymer.
11. (Original) An ink jet recording element according to claim 1 wherein said element further comprises an adhesive undercoat layer containing an adhesive polymer between said support and said ink receiving layer.
12. (Original) An ink jet recording element according to claim 11 wherein said adhesive polymer is a copoly(styrene-butadiene) latex.
13. (Original) An ink jet recording element according to claim 11 wherein said adhesive polymer is an acrylate latex.
14. (Original) An ink jet recording element according to claim 13 wherein said acrylate latex is ethylacrylate-hydroxyethylmethacrylate copolymer.
15. (Original) An ink jet recording element according to claim 11 wherein said adhesive polymer is a vinylester latex.

16.(Original) An ink jet recording element according to claim 1 wherein said support is an opaque support.

17.(currently amended) An ink jet recording element according to claim 1 wherein said silanol modified polyvinyl alcohol is obtained from hydrolysing a copolymer of vinyl acetate and a silane monomer ~~is~~ selected from a group consisting of vinyltrimethoxysilane, methacroyloxypropyl trimethoxysilane, triisopropoxyvinylsilane, and methacrylamidopropyl triethoxysilane.

18.(currently amended) An ink jet recording element comprising a support and an ink receiving layer wherein said ink receiving layer comprises (a) a pigment, (b) a ~~polyvinylacetate~~ polyvinyl alcohol modified by reaction with one of β -3,4-epoxycyclohexylethyletriethoxysilane, γ -glycidylxypropyl trimethoxysilane or isocyanatopropyl triethoxysilane, and (c) a film-forming polymer having a glass transition temperature T_g lower than 50°C.

19.(currently amended) An ink jet recording element comprising a support selected from a group consisting of

PET, wet strength paper, PVC, PVC with an adhesive backing, polypropylene, poly carbonate a subbed polymeric type support, a canvas support, polypropylene-coated paper, polyethylene-coated paper and polyethylene paper and an ink receiving layer wherein said ink receiving layer comprises (a) amorphous silica having an average particle size between 1 μm and 15 μm , (b) a ~~hydrolyzed copolymer of vinylacetate and silane monomer~~ silanol modified polyvinyl alcohol, (c) a copoly(styrene-butadiene) latex having a glass transition temperature T_g lower than 50°C; and (d) dimethylamine-epichlorohydrine copolymer.